

# WNYRIC Standards List as of November 2017

*\*Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

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**Category:** **1. Computers**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Desktop B. Laptop</b> <b>C. Tablet D. Chromebook</b>		
<b>A, B, C</b>	Apple	
<b>A, B, C, D</b>	Acer	
	Dell	
	HP	
	Lenovo	
	Sony	
	Toshiba	
<b>B</b>	BAK	Atlas only
<b>B, C, D</b>	Asus	
	Microsoft	
<b>D</b>	Samsung	Chromebook only

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## Category: 2. Operating Systems

Sub Category	Item	Comments
<b>A. Network</b>	Linux	Red Hat/Ubuntu --Actively supported
	Micro Focus (formerly Novell)	NNI 11/15/2017
	VMWare	Actively supported
	Windows 2008 and newer	Windows 2003-NNI (End of life June 14, 2013) Includes MS Hyper V
<b>B. Workstations</b>	Chrome OS	
	Linux	Red Hat/Ubuntu (Actively supported)
	Mac OS X	
	Thin Zero Client	
	Windows 7 and newer	Any Non-Pro version of 8 not allowed if equipment is expected to connect to the network.
<b>C. Tablets</b>	Android 3.1	OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported)

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## **C. Tablets**

iOS4.1

OS, Applications and Hardware capability must be verified by Michelle Okal or Jan Mathis prior to purchase (Actively supported)

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## Category: 3. Internet Browsers

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Chrome	Actively supported
	Edge	Actively supported
	Firefox	Actively supported
	Internet Explorer	Actively supported
	Safari	Actively supported

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## Category: 4. Printers

Sub Category	Item	Comments
<b>A. 3D</b>		Selected models that are listed on the Erie 1 BOCES bid 3-D Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
<b>B. High Speed Networked Digital</b>	Canon	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Konica-Minolta	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Kyocera Mita	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Panasonic	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>
	Ricoh	Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18 <a href="https://main.wnyric.org/doc/Erie1Coo.nsf">https://main.wnyric.org/doc/Erie1Coo.nsf</a>

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## B. High Speed Networked Digital

Sharp

Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18  
<https://main.wnyric.org/doc/Erie1Coo.nsf>

Toshiba

Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18  
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Xerox

Selected models that are listed on the Erie 1 BOCES bid High Speed Printers 17-18  
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## C. Standard

Others as required or recommended by specific supported services/applications

Dell

Epson

HP

Lexmark

Okidata

PTM Document Systems

Print to mail units for Standards supported printers

Ricoh

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**C. Standard**                      Xerox

**D. Large Format Printer**      HP

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**Category:** **5. Scanners**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
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Others as required or recommended by  
specific supported services/applications

Canon

HP



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## Category: 6. Software

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Anti Theft/Data Protection</b>	Absolute Computrace	
<b>B. Collaborative Software</b>	Exchange	
	Lotus Notes	
<b>C. Desktop Image Protection</b>	Deep Freeze	Refer to WNYRIC End Point Management Best Practices
	ZenWorks	Refer to WNYRIC End Point Management Best Practices
<b>D. Desktop Imaging</b>	Symantec Ghost	
<b>E. Malware Protection</b>	Computer Associates	
	McAfee	
	Microsoft Endpoint Protection	
	Sophos	
	Symantec	

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## F. Office Productivity

File Maker Pro

Microsoft Office  
Suite

Or its components

OpenOffice

## G. Printer Management

Papercut MF

Print Manager Plus

## H. Terminal Servers

Citrix

Microsoft

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## Category: 7. Servers

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
<b>A. Standard</b>	Dell	
	HP	
	Lenovo	
	Nexlink	Seneca Data-NNI 11-13-13
<b>B. SAN</b>		Others as required or recommended by specific supported services/applications
	Dell	
	HP	

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## Category: 8. Server Backup

Sub Category	Item	Comments
A. Hardware	Dell	
	Exagrid	
	HP	
	IdealStor Backup Appliance Hardware Solutions	Hardware only: Teralyte, FraneNAS, and the IdealStor Backup appliance - excludes iBac product
	Internal Tape Backup recommended by manufacturer	
B. Software	ARCServ	
	Backup Exec	
	NovaStor	
	Paragon Backup and Restore	
	Retrospect MAC OSX	

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## **B. Software**

Veeam Backup  
Essentials

Yosemite/Novanet

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**Category:**                      **9. UPS**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
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APC

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## Category: 10. Virtualization

Sub Category	Item	Comments
A. Desktop Application	Oracle Virtual Box	
	Parallel	
	Spoon Virtual Application Studio	
	VMWare Fusion	
B. Private Cloud	Classlink-Launchpad	
	WebNetwork-Stoneware	
C. Workstations	nComputing	

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## Category: 11. Communications Equipment\*\*

Sub Category	Item	Comments
<b>A. Routers/Switches</b>	Avaya-Nortel/Extreme Systems	Continuation of Avaya-Nortel purchased through Extreme.
	Cisco	
	Cisco Meraki Cloud Managed Switch Gear	Must consult with WNYRIC WAN Senior Engineer prior to purchase.
	Dell	
	HPE/Aruba	
	Juniper	
<b>B. Wireless Access Points</b>	Apple	
	Aruba	
	Avaya-Nortel/Extreme Systems	Continuation of Avaya-Nortel purchased through Extreme.
	Cisco	



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## **B. Wireless Access Points**    Fortinet

Meraki/Cisco

## **C. Wireless Bridge**            LigoWare

Ubiquiti

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**Category:** 12. VoIP

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
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Avaya

Cisco

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## Category: 13. Video Conferencing

Sub Category	Item	Comments
A. Hardware Appliance Based	Cisco Tandberg Videoconferencing	
	Polycom Videoconferencing	
B. Software Based	Webex	
	Zoom	

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**Category:** **14. Network Optimization**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Vmware Vcenter Operations Manager	

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## Category: 15. End Point Management

Sub Category	Item	Comments
	Faronics Deep Freeze Cloud Connector	
	IBM TEM	Tivioli Endpoint Management
	Impero	Accessible on local network only
	JAMF Casper Suite	
	Lansweeper	
	SCCM	2012 SP1 and newer